

PATENT ABSTRACTS OF JAPAN

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(54) METHOD FOR WASHING HOLLOW FIBER MEMBRANE FILTER

(57)Abstract:

PURPOSE: To enable the uniform washing of whole hollow fiber membrane filter on account of the elimination of air bubble by performing back washing while lowering gradually the liquid level of a treating liquid room in which a hollow fiber membrane filter is housed.

CONSTITUTION: Pressurized air is admitted into the interior of hollow fiber membranes constituting a hollow fiber filter 1 to cause filtration liquids or washing water to be blown out from the inside of the hollow fiber membranes to the outside, while a large number of air bubbles are caused to blow upward from the bottom of the filter 1 so that the deposits on the outer surface of the hollow fiber membranes are washed away by back washing. The washing is conducted, while the liquid level of a treating liquid room 2a in which the filter 1 is housed is being lowered gradually. As a result, on account of the elimination of air bubbles, the hollow fiber membrane filter can be wholly and uniformly washed.

